

Lenvatinib, VEGFR kinase inhibitor

Catalog	Unit
TBI3313-5MG	5 mg
TBI3313-25MG	25 mg

Product Details

Formal Name: 4-[3-Chloro-4-[[[(cyclopropylamino)carbonyl]amino]phenoxy]-7-methoxy-6-quinolinecarboxamide

Alternate Names: E7080

Molecular Formula: C₂₁H₁₉ClN₄O₄

Formula Weight: 426.85

CAS Number: 417716-92-8

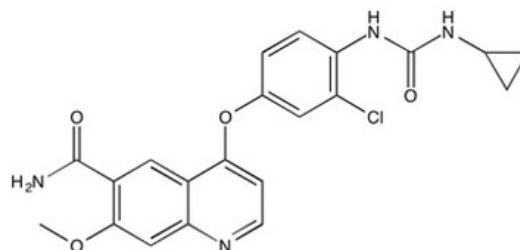
Purity: >98%

Formulation: powder

Solubility: Soluble in DMSO (up to 20 mg/ml)

Storage: -20°C

Stability: ≥ 1 year.



Applications

VEGFR kinase inhibitor

Functions

A potent inhibitor of VEGFR2 and R3, IC₅₀s=4.0 and 5.2 nM respectively. Also inhibits VEGFR1, FGFR1, PDGFR3b and Kit, IC₅₀s=22, 46, 39 and 100 nM respectively. Suppresses lymph node and lung metastasis in human mammary breast tumor model. Suppresses tumor cell migration and invasion. Inhibits angiogenesis.

Application Procedures

First dissolved in DMSO (up to 20 mg/ml), then diluted to aqueous buffer. Solutions in DMSO may be stored at -20°C for up to 3 months.

For research use only.